SIGN-UP SHEET
WORKSHOP 1
NOAA Fisheries Santa Cruz Laboratory
March 9-11, 2004

COASTAL SALMONID PLAN DEVELOPMENT PARTICIPATION

Name: _____
I will be attending Workshop 1? Yes ___ No___
I plan to attend Workshops 2 and 3? Yes___ No___ Comments:
_____
_____
_____
_____

My preferences (first and second) for <u>each</u> Day 2 break-out session are:

AM: Adult Sampling ___
Juvenile Sampling ___

PM: Program Design ___
Recovery Criteria ___

Please return to the following address

Department of Fish and Game
Native Anadromous Fish and Watershed Branch
830 S Street
Sacramento, California 95814

Attention: LB Boydstun

QUESTIONS FOR MEETING PARTICIPANTS

WORKSHOP 1
COASTAL SALMONID PLAN DEVELOPMENT SUBJECTS
Questions 1-5

Name: _____

1) **Your thoughts on what the Plan should look like.**
   a) Goals and objectives? (See draft)
   b) Section headings?
   c) Names of plans or other documents that would serve as good models:

2) **Your thoughts on techniques for sampling adult fish.**
   a) Is it important to sample adult fish and why?
   b) List the pros and cons of each approach for sampling adult fish (e.g., weirs, carcasses survey, visual counts, redd counts, gill net, fish trap, snorkeling, other?)
   c) What are the costs associated with each technique? (biological, staffing, and budgetary)
   d) Other issues:

3) **Your thoughts on sampling juvenile fish.**
   a) Is it important to sample juvenile fish and why?
   b) List the pros and cons of each approach for sampling juvenile fish (e.g., electrofishing, fyke netting, screw trap, incline plane screen, snorkeling, other?)
   c) What are the relative costs associated with each technique? (biological, personnel, and budgetary)
   d) Other issues:

4) **Your thoughts on designing a coastwide field sampling program**
   a) List, or provide definitions for, the "populations" your program would cover:
   b) What sampling methods would you use to capture juvenile and adult fish and why?

c) How would you draw/select sample areas and sample times and why?
d) What data would you collect from sampled fish and why?
e) Would juvenile or adult fish tagging/marking be conducted as part of your program and why?
f) What environmental/habitat data would you collect and why?
g) Other thoughts:

5) **<u>Program Standards and Viable Salmonid Population (VSP) Concerns</u>**
a) What are the i) minimal and ii) optimal levels of precision needed in our population estimates and why?
b) Can indices of abundance be used in lieu of absolute estimates of abundance to determine population status and trend?
c) How do we go about estimating survival and production parameters separately for hatchery and naturally produced fish and is this an important issue?
d) How do we assess/estimate the spatial and temporal distributions of fishes within populations or is this an important concern compared to other issues?
e) How long of a time series of data is needed to begin to estimate population status and trend and why?
f) What is the minimal data set needed to determine when a population has reached the VSP level?
g) How do we determine when a population has recovered to the point that fishing can resume?
h) What additional analysis is needed to begin to answer the above questions?
i) Other thoughts?

QUESTIONS FOR MEETING PARTICIPANTS

WORKSHOP 1
COASTAL SALMONID PLAN DEVELOPMENT PRESENTATION SUMMARY
Question 6.

If you have agreed to be a guest speaker, please provide a summary of your presentation below:

Name: _____

Organization:_____

Resume:_____

_____

_____

Title of Presentation: _____

_____

Summary (2 pages or less):